A STATEMENT OF RECOMMENDATIONS AND FINDINGS

OF

THE COMMITTEE ON FINANCE

TRI-COUNTY COLLEGE STUDY COMMITTEE

Submitted April, 1956

Midland, Michigan

Tri-County College Study Committee

Report of Committee on Finance

The purpose of this study is two-fold:

1. To estimate the capital and operating costs of a college in the Bay, Midland, and Saginaw County areas, and
2. To determine possible sources of income for this purpose.

The investigation of the committee was based on the findings of the Needs and Objectives Committee.

ACKNOWLEDGMENTS

The Chairman and the other members of the Committee on Finance wish to thank the following people for the assistance they have given in preparing this report . . . . . .

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Mr. Paul Briggs	Supt. of Schools, Bay City
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Mr. Leonard Soper	Consultant - Tri-County College Study Survey
Mr. Ferris Crawford	Coordinator - Michigan State Department of Public Instruction
Mr. Hugh Benner	Member of Saginaw Midland Water Supply
Mr. G. Jerome Brenner	Representative of Halsey Stewart Bonding Co.
Mr. Howard Cornford	County Supt. of Schools, Saginaw County

. . . Maurice E. Brown, Chairman
Finance Committee

FINANCE COMMITTEE MEMBERSHIP

Saginaw	Midland
Maurice Brown - Chairman	Everett Luce
Flora Jaguish	Ray Price
Edward MacRae	Robert Peele
Robert Simmons	Silas Braley
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Bay City

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OUTLINE OF REPORT

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THE PURPOSE AND FUNCTION OF THE FINANCE COMMITTEE

The cost of a project of this nature is difficult to determine. Many unknown factors beset an estimator, even when he is well acquainted with his subject and unexpected events often arise to change the best of plans. The Finance Committee constantly met many unknowns and was made more and more aware of these as they studied their subject. It was found to be relatively easy, for instance, to estimate the cost of a single school building for 2,000 pupils. The experience of our Boards of Education told us this but how can the cost of land, roads and utilities be determined when the site of the building is unknown? A number of similar questions arose during the discussion.

These factors are submitted to indicate to the citizens of the Tri-County area that the translation of the warm and human findings of the Objectives and Needs Committee into the absolute and intimate terms of cash is not a task that can be accomplished accurately. The estimates must be made in round numbers with the understanding of all that the figures quoted are not exact promises for future fulfillment. They are estimates. They are based on careful consideration of all factors available at the present time. They are offered as additional factors to be considered in arriving at our final decision concerning the betterment of our community and the opportunities of our young people for many years to come.

I ESTIMATED COSTS

We must assume that all money needed for operating expense and capital outlay must be derived from tuition and taxation including state aid. The possibility of gifts was discussed but it was felt, that while possible and desirable, it should not be considered when estimating costs. Gifts and grants should proportionately reduce the ultimate costs.

IA - CAPITAL EXPENSES

IA1 - Site:

The Needs Committee recommended that 600-1000 acres be obtained in order to insure adequate future expansion and zoning protection. The cost is based on land values of $150 to $300 per acre.

The committee is assuming an average land value of $200 per acre and the purchase of 1000 acres.

Estimated cost $200,000

IA2 - Building:

The new high schools in Midland and Saginaw cost about $2000 per student. Since college building costs are somewhat higher, the estimate below is based on $2300 per student for 2000 students, and on the assumption that a single building containing the facilities outlined in Table A of the Needs Committee Report would furnish the optimum housing necessary at the present time. The possibility of multiple buildings was considered and was believed to have considerable merit. The types of buildings constructed would depend on the curricula offered and would be a function of the governing body. The building herein discussed would contain the facilities itemized in Table A. (Needs Committee Report). See Table A.

Estimated cost $4,600,000

IA3 - Auditorium:

A 3,000 seat auditorium, though expensive, is very desirable for student activities as well as for Tri-County Community activities of all kinds. At the present time there is no adequate auditorium in the entire area.

The possibility of a combination gymnasium and auditorium was discussed and discarded because of seating, acoustical, dimensional and aesthetic problems. The cost estimated is for a separate auditorium seating 3000. The exact shape of an auditorium is determined by its primary use and can cause considerable variation in cost.

Estimated cost $1,500,000

IA4 - Classroom Equipment:

These costs are determined by room use and are again based on Table A.

Table B shows a breakdown of costs per room based on the current average prices.

Estimated cost $450,000

IA5 - Utilities:

These costs are based on the information available as to possible location of the College with respect to existing utilities.

(a) Water Supply:

This includes the cost of bringing water from the Saginaw-Midland water line, building settling basins and an elevated tank. Sizeable storage capacity would have to be considered for fire protection.

Estimated cost $175,000

(b) Sewage Disposal Plant:

Research by The Dow Chemical Waste Disposal Department has indicated that sewage from a population of 3,000 can be adequately taken care of by an aerobic system.

Estimated cost $75,000

(c) Other:

This includes the cost of bringing gas and electricity from property lines.

Estimated cost $25,000

Total estimated utilities cost $275,000

IA6 - Roads:

This cost is based on one mile of black top road, including curb and gutter. Less than this might be feasible and more might be necessary, depending upon the site of the college in relation to existing roads.

Estimated cost $50,000

IA7 - Parking Area

It is apparent that this will be largely a commuters college and also a center for community activities. A parking area for 1000 cars is the basis on which these estimates are made. This cost is for a graveled parking area with no curb. Addition of blacktop would more than double the expense.

Estimated cost $35,000

IA8 - Ground Improvement

This includes all grading, filling, landscaping, etc. around the proposed buildings, roads and parking areas. The cost would vary considerably depending upon the extent of the area to be improved, the terrain, and type of soil.

Estimated cost $115,000

IA9 - Fees

The architectural and engineering fees on this project are estimated at $350,000. The legal fees are estimated at $25,000.

Total estimated cost $375,000

IA10 - Contingency Fund

The contingency fund is 5% of the total outlay and is designed to take care of unforeseen expenses.

Estimated cost $400,000

TOTAL ESTIMATED CAPITAL EXPENSE $8,000,000

IA11 - Items not included at present time

The following, while desirable, have been left for future consideration:

Field House	Dormitories
Swimming Pool	Faculty Housing
Athletic Fields	

IB - OPERATING EXPENSES

The estimated cost of operating a Community College is about $500 per year per pupil. Included are salaries, utilities, upkeep and miscellaneous operating expenses for an enrollment of 2,000 pupils.

Estimated cost $1,000,000 per year

II SOURCES OF INCOME

IIA - FOR CAPITAL EXPENDITURES

The estimated capital outlay is set at $8,000,000 which would require a bond issue. This debt could be retired with a 1 mill levy (1 dollar per $1,000 of valuation) in fifteen years or less. This is based on a state equalized valuation of $729,788,867 in the three counties. (See table C)

IIB - FOR OPERATING EXPENDITURES

The reports of Michigan Community Colleges indicate that their income is about equally divided between tax revenue, state aid, and tuition payments. The estimated cost of $500 per year per student would be paid as follows:

Tax Revenue	$160.
State Aid	190.
Tuition	150.
Total	$500.

The tax revenue required for 2,000 students would necessitate a levy of approximately 0.4 mill (40 cents per $1,000 of valuation).

III OTHER BASES FOR SETTING UP A COLLEGE

Based upon the recommendations of the Needs and Objectives Committees, a joint Tri-County college is desirable. Beginning with a two-year college and ultimately becoming a four-year college at a later practical date. The other plans presented here are for the study of possible alternatives.

IIIA - A FOUR YEAR COLLEGE

The Finance Committee feels that the study group should definitely plan for an eventual 4 year college and have kept this foremost in mind in recommendations for land acquisition, auditorium facilities, utilities and financing.

The committee has attempted to set up the bond financing on as short a term as possible with a practical tax assessment to allow for expansion along whatever lines the governing body may choose. The Needs Committee's amended report indicates that we could expect approximately 1,300 students by 1970 in the junior and senior years. This would require an additional 100,000 square feet of floor space involving a capital outlay of

$1,840,000. The equipment and other capital outlay expense amounts to $300,000. The operation expenses in these two years are increased by 50%. This involves another $750,000 in operation monies. This operating expense estimation is dependent on tuition and local property taxes only.

IIIB - A TRI-CITY COLLEGE

A college built and operated by the three cities would be essentially the same as for a Tri-County College in enrollment, program, and facilities. The local cost would have to be adjusted to compensate for the loss of tax base but adjusted by increased non-resident tuition. The loss of this tax base of approximately 250 million dollars in valuation will require an increase in taxes in the three cities. This loss in itself does not necessarily mean that the establishment of a college by the combined efforts of the three cities is impossible.

It is true that about 85% of the potential enrollment would come from the three cities' high schools. However, a large number of these students reside in the suburban areas.

IIIC - SINGLE CITY COLLEGES

The Single City College has already been studied by each of the three communities. It appears that each city, if it chooses, could operate a college independently. Bay City is at the present time operating such a college. Their operating cost in 1954-55 was $401.00 per pupil exclusive of building amortization. Of this amount, $157.90 was from local taxes.

The Saginaw Board of Education Study estimates the cost of operating a college within its city at $475 per pupil exclusive of building amortization. Of this amount, $125 per pupil was to be raised from local taxes.

The possibility of Midland operating a college is somewhat different. The city district has no immediate space and would therefore require a capital outlay at the start. It is estimated that the cost of a program in Midland based on the present per-capita cost plus a percentage would be $475 per pupil exclusive of capital outlay.

IV RESUME OF FINDINGS

IVA - TRI-COUNTY COLLEGE

The Finance Committee has estimated the following to be the income and expenditures necessary for the setting up and operating of a Tri-County College. This is for a two year college for 2,000 students supported jointly by the counties of Bay, Midland and Saginaw.

Total capital outlay		$8,000,000
Income from tax of 1.0 mill for 15 yrs.	$8,000,000	
Total operating expenses per year		$1,000,000
Income from tax of .4 mills	$ 320,000	
Income from State Aid	380,000	
Income from Tuition	300,000	

The millage required for both capital and operating expenses would total approximately 1.4.

It is the recommendation of the committee that for the protection of the existing school districts this millage should be levied above the 15 mill tax limitation.

IVB - FOUR YEAR COLLEGE (See IIIA)

Capital outlay and operation for 4,000 students

Total capital outlay (including original investment)		$10,200,000
Total operating expenses per year (including first two years)		1,750,000
Income from taxes	$770,000	
Income from State Aid	380,000	
Income from Tuition	600,000	

IVC - TRI-CITY COLLEGE

Two year based on 2,000 students

Total capital outlay		$ 8,000,000
Total operating expenses per year		1,000,000
Income from taxes	$262,000	
Income from State Aid	380,000	
Income from Tuition	358,000	

This would require a millage of 0.54 for operation.

An increase of $29.00 per student in tuition would be necessary for the tri-city college if the tax rate were to remain the same as that required for the tri-county.

IVD - SINGLE CITY COLLEGE

It is felt by the Committee that each city should make a detailed study of its situation. (See section IIIC)

RECOMMENDATIONS

The Finance Committee has reviewed the possibilities of a Tri-County, a Tri-City or Single City Community Colleges. The committee recognizes the distance of travel for some of the prospective students may be great. The location of Central Michigan College of Education and the Flint Colleges may offer some advantages from a travel standpoint if the educational offerings meet their requirements. The committee recommends that the following points be considered:

1 - That the combined efforts of the three counties in establishing a college is desirable in terms of tax base and educational possibilities.

2 - That in the light of present school finance, the cost of capital outlay and operation should come from taxes spread above the 15 mill tax limitation.

3 - That the bonding for capital outlay be set up for as short a period of time as possible within the limit of the taxing power, reserving a potential for other units of government, in order to allow for future expansion and for the addition of the upper two years at the appropriate time.

4 - That careful study should be given by the governing body to the advantages and disadvantages of multiple

college buildings over that of a single building in the light of possible expansion. Further, that every effort should be made to provide for expansion of the program at a minimum of cost.

TABLE A

SUGGESTED BUILDING NEEDS FOR
1600-2700 STUDENTS

* *

NO.	TYPE	APPROX. SQ. FT.	REMARKS
40	General	30,840	Standard size except for 3 that should seat 45
3	Art and 1 Craft Shop	4,500	
1	Little Theatre	4,500	Able to seat 300 with stage
2	Accounting	1,750	One large - the other regular
2	Typing	2,250	One large, 36 stations - the other 24
1	Business Machines (Lab)	1,200	Small, 20 stations
2	Drawing room (Mech.)	2,240	Large, 36 stations
1	General Shop	1,250	Large to include several special areas
1	Electronics Shop	1,000	
1	Machine Shop	1,250	
1	Pattern Shop	1,000	
1	Print Shop	1,000	
1	Forge & Metallurgical Shop	1,250	
1	Agricultural Shop	1,500	
1	Agricultural Room	1,000	
2	Music	3,000	Large - able to seat 120
8	Practice rooms (music)	1,000	Small
4	Chemistry (Lab.)	5,000	32 stations
2	Chemistry (lecture)	1,500	Small
2	Physics (Lab.)	2,500	32 stations

NO.	TYPE	APPROX. SQ. FT.	REMARKS
1	Physics (lecture)	750	Small
2	Biology (Lab.)	2,500	36 stations
1	Greenhouse	750	
1	Biology (lecture)	750	Small
1	Geology (Lab.)	1,250	
2	Home Economics	2,000	
1	Geology (lecture)	750	
1	Photography Lab. & dark room	750	
4	Check rooms for student use	1,000	
	Hard surface, off-street parking		

LIBRARY

NO.	TYPE	APPROX. SQ. FT.	REMARKS
1	Reading Room		Basic book collection of 20,000 volumes for Junior College
1	Periodical Room		Small
6	Conference Rooms		
1	Leisure Reading		
1	Audio-Visual Storage		
1	Stacks		
2	Workrooms		Each with sink and 1 rest-room for staff
8	Listening Desks		
	Total	18,750	For 4-year college @ 50 books per estimated student; 100,000 volumes

GYMNASIUM

NO.	TYPE	APPROX. SQ. FT.	REMARKS
1	Gym and Pool	36,000	Regulation basketball floor to seat 2,000 spectators
	Dressing Rooms		Should include visitors dressing rooms

ATHLETIC FIELD

1	Physical Education area	
1	Track	
1	Football practice field	
1	Stadium	
1	Baseball diamond with bleachers	Not to be estimated at this time
1	General Recreation area	
1	Archery field	

AUDITORIUM

1	Auditorium	To seat 3,000

ADMINISTRATIVE OFFICE SUIT

1	Reception area	
1	Office for President	
1	Office for President's Secretary	
1	Office for Registrar	
1	Office for Dean of Women	
1	Office for Dean of Men	
1	Office for Director of Adult Education	
1	Office for Secretarial Staff	
	Office for Instructional Staff	A part of each department
2	Lounges and Cafeteria facilities	

Total area 20,000 sq. ft.

This does not include equipment; nor lobbies, student activities, bookstore, etc., corridors, or other public areas.

Experience would indicate that chemistry and physics laboratory furnishings average $20,000 per laboratory.

Total area:	154,780 sq. ft.	Basic
	30,000 sq. ft.	Public Areas
	184,780 sq. ft.	Not including Auditorium

TABLE B

CLASSROOM EQUIPMENT

BREAKDOWN OF COSTS

Teacher furniture - average classroom	$ 136.50
Student furniture - average classroom	422.50
Typical classroom - storage furniture	900.00
Chemistry laboratory	17,000.00
Biology laboratory	7,300.00
Agriculture (laboratory)	5,000.00
Arts and crafts - each room	7,300.00
Physics - each room (laboratory)	7,500.00
Welding shop	14,473.98
Auto Shop	12,944.96
Machine Shop	51,175.35
Wood Shop	11,507.60
Library	29,000.00
Gymnasium	24,700.00
Cafeteria - kitchen - miscellaneous	14,000.00
Cafeteria - student seating - per student	16.00
Faculty lounge	1,200.00
Faculty dining room furniture	1,600.00
First Aid	500.00

TABLE C

STATE EQUALIZED VALUATION

1955

	County and City School	City School Only
BAY	$ 231,488,867	$ 122,009,563
MIDLAND	167,525,000	140,147,554
SAGINAW	330,775,000	220,499,425
TOTAL	$ 729,788,867	$ 482,656,542

TABLE D

UNITS OF GOVERNMENT IN SAGINAW COUNTY WHICH VOTED EXTRA MILLAGE

October, 1955

Albee School Dist. #3	10 mills	1955-1972	both Incl.
Birch Run Area School Dist.	12 "	1954-1973	" "
Brady Township Unit	12 "	1953-1972	" "
Brady School Dist. #8 Frl.	18 "	1953-1972	" "
Bridgeport School Dist. Unit	4 "	1950-1964	" "
	3 "	1951-1970	" "
	5 "	1954-1973	" "
Buena Vista School Dist. #1	10 "	1950-1964	" "
	15 "	1954-1968	" "
Buena Vista School Dist. #3	8 "	1951-1968	" "
Buena Vista School Dist. #5	14 "	1954-1973	" "
Buena Vista School Dist. #6	30 "	1952-1968	" "
	15 "	1954-1968	" "
Carrollton School Dist. #1	13 "	1953-1972	" "
Chapin School Dist. #3	6 "	1954-1955	" "
Chesaning School Dist. #1	10 "	1949-1963	" "
	13 "	1953-1972	" "
Frankenmuth Twp. Unit School	6 "	1952-1963	" "
	2 "	1955-1957	" "
	6 "	1958-1967	" "
James Twp.School Dist. #1	20 "	1950-1969	" "
James Twp. School Dist. #4	6 "	1953-1955	" "
Township of Jonesfield	2 "	1952-1966	" "
Jonesfield School Dist. #5	15 "	1952-1971	" "
Kochville School Dist. #6 Frl.	13 "	1952-1966	" "
Maplegrove School Dist. #1	6 "	1954-1973	" "
Montrose School Dist. #16 Frl.	8.7 "	1955-1967	" "
Richland R.A.S. Dist.	13 "	1952-1965	" "
	10 "	1953-1972	" "
Saginaw School Dist. #1 Frl.	10 "	1952-1970	" "
Saginaw School Dist. #3	8 "	1955	
	15 "	1956-1970	" "
	1 "	1955-1956	" "
Saginaw School Dist. #4	10 "	1952-1958	" "
Saginaw School Dist. #6	15 "	1955-1974	" "
Saginaw School Dist. #7	12 "	1951-1970	" "
Township of Saginaw	1.5 "	1954-1973	" "
Spaulding School Dist. #1	14 "	1952-1971	" "
Spaulding School Dist. #2	10 "	1954-1969	" "
Spaulding School Dist. #3	12 "	1951-1970	" "
St. Charles School Dist. #1	10 "	1949-1968	" "
	7.5 "	1955-1974	" "
Swan Creek School Dist. #3	16 "	1954-1973	" "
Taymouth School Dist. #5	10 "	1951-1963	" "
Taymouth School Dist. #8	14.5 "	1955-1974	" "
Thomas School Dist. #1	18 "	1954-1963	" "
Thomas Sch. Dist. #4 Frl.	18.5 "	1951-1970	" "
Tittabawassee Dist. Unit	10 "	1950-1959	" "
	13 "	1955-1974	" "

Zilwaukee School Dist. #1	5	mills	1953-1967	both Incl.
Saginaw City Bd. of Education	4	"	1951-1970	" "
Spaulding Sch. Dist. #1	6	"	1954-1973	" "
Clio Area School #7 Frl.	16	"	1954-1970	" " (inc. portion of Birch Run Twp.)
Since June 1, 1955				
Blumfield Dist. #7	3/4	"	1956-1975	voted Oct. 22, 1955
Saginaw Dist. 1 Frl.	7	"	1955-1974	voted Oct. 18, 1955
Zilwaukee Twp. Unit	1	"	1955-1959	voted Oct. 7, 1955

TABLE E

UNITS OF GOVERNMENT IN MIDLAND COUNTY WHICH VOTED EXTRA MILLAGE

OCTOBER 1955

Edenville Unit		6	mills	1955	Inclusive
Geneva District #1	North Bradley	5	mills	1958	"
Greendale Dist. #3	Kelly	5	mills	1956	"
Homer Dist. #1	Barnes	26	mills	1961	"
Homer Dist. #4F	Pine	20	mills	1957	"
Homer Dist. #6F	Windover	8.5	mills	1956	"
Hope Dist. #1	Hope	2	mills	1955	"
Hope Dist. #1	Hope	5	mills	1957	"
Hope Dist. #2	Maxwell	4	mills	1955	"
Ingersoll Dist. #1	LaPort	3	mills	1955	"
Ingersoll Dist. #4	Poseyville	7	mills	1955	"
Ingersoll Dist. #8	Bishop	10	mills	1955	"
Ingersoll Dist. #10F	Crane	2	mills	1965	"
Ingersoll Dist. #10F	Crane	8	mills	1955	"
Jerome Dist. #1	Sanford	15	mills	1970	"
Jerome Dist. #2	Pioneer	16	mills	1967	"
Jerome Dist. #2	Pioneer	16	mills	1969	"
Jerome Dist. #5F	Meridian	30	mills	1962	"
Larkin Dist. #1	Grey	11	mills	1955	"
Larkin Dist. #4	Leophart	34	mills	1958	"
Larkin Dist. #5	Waldo	10.8	mills	1956	"
Larkin Dist. #6	Cassidy	5	mills	1955	"
Lee Dist. #1	Olson	34	mills	1957	"
Lee Dist. #3		34	mills	1956	"
Lincoln Dist. #1	Averill	24	mills	1964	"
Midland City Schools		15	mills	1958	"
Midland County Schools		1	mill	1957	"
Midland Dist. #5F	Bullock Creek	12	mills	1960	"
Mills Dist. #1		21	mills	1964	"
Mt. Haley Dist. #2	White	34	mills	1960	"
Mt. Haley Dist. #5	Gordonville	21	mills	1961	"
Mt. Haley Dist. #6	Brooks	12	mills	1961	"
Warren Dist. #1	Coleman	10	mills	1964	"

The above was taken from the Report of Millage Increases on file in the Midland County Treasurer's Office.

TABLE F

UNITS OF GOVERNMENT IN BAY COUNTY WHICH VOTED EXTRA MILLAGE

OCTOBER 1955

Bangor	4th Class Dist. #2		12 mills	1960	Inclusive
Bangor	4th Class Dist. #2		17 "	1955	"
Bay City			4 "	1964	"
Frankenlust	Dist. #1	Mackenson	9 "	1967	"
Fraser	Dist. #1	State Road	10 "	1957	"
Fraser	Dist. #4	Lengsville	9 "	1960	"
Hampton	Dist. #1	Jones	8 "	1964	"
Hampton	Dist. #2	"Hampton"	20 "	1972	"
Hampton	4th Class Dist. #3	"Essexville Hampton"	2.5 "	1962	"
Hampton	Dist. #5	Raby	5 "	1955	"
Hampton	Dist. #7	Nolet	14 "	1974	"
Kawkawlin	Dist. #1	Linwood	7 "	1959	"
Kawkawlin	Dist. #3	Town Hall	3 "	1956	"
Kawkawlin	Dist. #5	Brissette	15 "	1971	"
Kawkawlin	Dist. #7	Ott	3 "	1955	"
Kawkawlin	Dist. #8	Warren	10 "	1957	"
Monitor	Dist. #2	Webster	9 "	1969	"
Monitor	4th Class #5	"Baxman"	14 "	1974	"
Monitor	4th Class #4	"Kawkawlin Village"	12 "	1968	"
Portsmouth	Dist. #2	Merritt	6 "	1959	"
Pinconning	4th Class #1	"Pinconning Comm. Sch."	15 "	1972	"
Pinconning	Dist. #6	LanPan-Huron	4 "	1955	"
Williams	4th Class #6	"Auburn Sch."	10 "	1974	"
Williams	Dist. #5	Forest	12 "	1966	"

TABLE G

School Enrollment September 30, 1955

Bay, Midland, Saginaw

	K	1	2	3	4	5	6	K-6	7	8	9	7-9	10	11	12	10-12	Total K-12
Bay	1924	1658	1660	1590	1362	1196	1189	10579	1334	1243	1283	3860	1040	900	805	2745	17184
Midland	1189	1100	1060	1161	893	823	829	7055	840	826	559	2225	663	594	554	1811	11091
Saginaw	3544	3551	3136	2919	2437	2265	2339	20191	2352	2220	2183	6755	2030	1626	1396	5052	31998
	6657	6309	3856	5670	4692	4284	4357	37825	4526	4289	4025	12840	3733	3120	2755	9608	60273

Includes all public school data and incomplete parochial school data

as submitted to November 21, 1955

TABLE H

Non-Public School Enrollment

	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
Midland County	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Midland City	4	109	105	103	74	71	72	55	54					647
Bay County	6	261	308	293	242	242	215	249	227	69	62	49	56	2279
Bay City	171	704	736	748	657	515	488	593	609	357	291	299	240	6408
Saginaw County	0	165	240	235	169	159	162	167	165	99	75	68	75	1779
Saginaw City	120	580	557	573	495	383	376	421	425	348	360	291	319	5248
TOTAL	301	1819	1946	1952	1637	1370	1313	1485	1480	873	788	707	690	16361

TABLE I

Total Public & Non-Public School Enrollment (1955-56)

Bay, Midland, Saginaw

	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
Public School	6657	6309	5856	5670	4692	4284	4357	4526	4289	4025	3733	3120	2755	60,273
Non-Public School	301	1819	1946	1952	1637	1370	1313	1485	1480	873	788	707	690	16,361
TOTAL	6958	8128	7802	7622	6329	5654	5670	6011	5769	4898	4521	3827	3445	76,634

TABLE J

PROJECTED COLLEGE ENROLLMENT
Bay, Midland, Saginaw

Year	Grade 13	Grade 14	Grade 15	Grade 16	Potential Total Graduates	Potential Enrollment at 25%
1955	3455					
1956	3827	3455				
1957	4521	3827	3455			
1958	4898	4521	3827	3455	16,701	4122
1959	5769	4898	4521	3827	19,015	4733
1960	6011	5769	4898	4521	21,199	5233
1961	5670	6011	5769	4898	22,348	5587
1962	5654	5670	6011	5769	23,094	5773
1963	6329	5654	5670	6011	23,664	5918
1964	7622	6329	5654	5670	25,275	6314
1965	7802	7622	6329	5654	27,407	6851
1966	8128	7802	7622	6329	29,881	7470
1967	6958	8128	7802	7622	30,510	7628
1968	8088	6958	8128	7802	30,976	7744
1969	8387	8088	6958	8128	31,561	7890
1970	8362	8387	8088	6958	31,795	7949
1971	8268	8362	8387	8088	33,105	8276
1972	7947	8268	8362	8387	32,964	8241
1973*	8000	7947	8268	8362	32,577	8147
1974*	8300	8000	7947	8268	32,415	8104
1975*	8300	8200	8000	7947	32,447	8112

*Estimated. This table does not take into consideration the migratory growth of the three counties.

TABLE K

POPULATION IN TRI-COUNTY AREA

1950 FEDERAL CENSUS

Bay County	35,938
Bay City	52,523
TOTAL	88,461
Midland County	21,377
Midland City	14,285
TOTAL	35,662
Saginaw County	60,597
Saginaw City	92,918
TOTAL	152,515
Total Cities	159,726
Total Counties	117,912
GRAND TOTAL POPULATION - BAY-MIDLAND-SAGINAW COUNTY	277,638

TABLE L

SCHOOL BONDED INDEBTEDNESS, OCTOBER 1, 1955

Bay City Schools	$ 170,000
Bay County Schools	1,907,670
Midland City Schools	2,880,000
Midland County Schools	592,600
Saginaw City Schools	3,965,000
Saginaw County Schools	6,518,495
TOTAL	$16,033,765